

RAVI SUTHAR

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PROFESSIONAL SUMMARY

Aspiring Data Scientist with a strong foundation in Python, SQL and Machine Learning. Passionate about uncovering insights from complex datasets and building predictive models. Detail-oriented professional skilled in data cleaning and exploratory in data analysis. seeking an entry-level role to solve real-world business problems.

TECHNICAL SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (MySQL).
- **Data Science Techniques:** Machine Learning (Regression, Classification, Clustering), Data Cleaning, Feature Engineering, Exploratory Data Analysis (EDA)
- **Tools & Platforms:** Jupyter Notebook, Git, GitHub, Microsoft Excel, VS Code, Data Visualization

PROJECTS

Machine Learning Model – Predictive Analytics

- Engineered a Linear Regression model using Python and Scikit-Learn to predict property values with high precision.
- Cleaned a 34,000+ record dataset by handling missing values and dropping redundant features (Address, Postcode) to optimize data quality.
- Analyzed key market drivers using Seaborn and Matplotlib, identifying a strong correlation between property distance and price.
- github.com/ravisuthar-13/Home-Price-Prediction-Analysis-Python.git

Customer Shopping Behavior Analysis

- **End-to-End Data Pipeline:** Cleaned and transformed a 3,900+ record retail dataset using Python, implementing custom logic for feature engineering (age grouping and purchase frequency) to enhance analytical depth.
- **Advanced SQL Analytics:** Developed complex queries using Window Functions and CTEs to segment customers into "New, Returning, and Loyal" tiers and identify top-performing product categories by revenue.
- **Interactive BI Dashboards:** Designed a dynamic **Power BI** dashboard to visualize key business metrics, including the correlation between subscription status, discount effectiveness, and average transaction value.
- github.com/ravisuthar-13/customer_shopping_behavior_Analysis.git

PROFESSIONAL TRAINING

Data Science Pro Certification | FingerTips Data Intelligence Solutions

- Completed intensive training covering Python, Machine Learning, and SQL.
- Developed hands-on projects including Housing Price Prediction and Airbnb Data Analysis.
- **Verification Code:** CERT-22b50b

ADDITIONAL INFORMATION

- **Technical Interests:** Artificial Intelligence, Neural Networks, Automated Data Pipelines.
- **Soft Skills:** Analytical Thinking, Problem-Solving, Team Collaboration, Communication.
- **Date of Birth:** November 13, 2001